

DEVICE AND METHOD FOR APPLYING ADHESIVE TO MATERIALS SUCH AS STRANDS

Abstract of the Disclosure

A device and method for applying adhesive to materials, such as elastic strands, used in the production of nonwoven products. Generally, a nozzle is provided and includes a liquid discharge orifice configured to discharge a bead of liquid adhesive. First and second pattern air discharge 5 orifices are associated with the first liquid discharge orifice to vacillate or oscillate the adhesive bead. First and second cleaning and stabilizing air discharge orifices are also associated with the first liquid discharge orifice. These latter air discharge orifices keep airborne contaminants away from the associated liquid discharge orifice and also stabilize the oscillation of the 10 adhesive bead in a single plane. A method in accordance with the invention includes using the nozzle to dispense a vacillating bead of adhesive onto a strand of material.

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